# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

					DIVISION O						AMENI	DED REPOR			
APPLICATION FOR PERMIT TO DRILL							1. WELL NAME and NUMBER GMBU 112-32-8-17								
2. TYPE OF WORK  DRILL NEW WELL REENTER P&A WELL DEEPEN WELL									3. FIELD OR WILDCAT MONUMENT BUTTE						
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO									5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)						
6. NAME OF OPERATOR  NEWFIELD PRODUCTION COMPANY										7. OPERATOR PHONE 435 646-4825					
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052										9. OPERATOR E-MAIL mcrozier@newfield.com					
10. MINERAL LEASE NUMBER (FEDERAL INDIAN OF STATE)					MINERAL OWNERSHIP				12. SURFACE OWNERSHIP  FEDERAL INDIAN STATE FEE						
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						IAN	STATE FEE FEDERAL INDIAN STATE FEI  14. SURFACE OWNER PHONE (if box 12 = 'fee')					***			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')										16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
		•	,	10	INTEND TO COMM	INGLE E	PODUCTION								
(if box 12 = 'INDIAN')				MUI	8. INTEND TO COMMINGLE PRODUCTION FROM IULTIPLE FORMATIONS  YES (Submit Commingling Application) NO				in.						
													_	~_~	
	TION OF WELL			FOOTA			r-QTR	SECTIO	ON	TOWNSHIP		ANGE	MERIDIAN		
	N AT SURFACE			51 FNL 5		04 FWL NW		32		8.0 S	17.0 [				
Top of Uppermost Producing Zone 1041 FNL								32		8.0 S	17.0 E		S		
At Total Depth 1413 FNL					SWNW			32 8.0		17.0 E		S S			
21. COUN		DUCHESNE				64	EST LEASE LINE (Feet) 640			23. NUMBER OF ACRES IN DRILLING UNIT					
25. DISTANCE TO NEAREST (Applied For Drilling or Co					or Comp				<b>26. PROPOSED DEPTH</b> MD: 6206 TVD: 6137						
27. ELEVATION - GROUND LEVEL 28.				28.	8. BOND NUMBER					29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE					
		5233			B001834  Hole, Casing, and Cement Information					437478					
String	Hole Size	Casing Size	Length	Weigh			Max Mu						Weight		
SURF	12.25	8.625	0 - 300	24.0	J-55 ST8		8.3		Class G			138	1.17	15.8	
PROD	7.875	5.5	0 - 6206	15.5	J-55 LT8	<b>\$</b> С	8.3	3	Pre	emium Lite High Strength		291	3.26	11.0	
							<u> </u>			50/50 Poz 363 1.24			14.3		
					A	TTACH	IMENTS								
	VER	IFY THE FOLLO	VING ARE AT	TACHE	D IN ACCORDAN	ICE WIT	TH THE UT	AH OIL AND	O GAS	CONSERVATION G	ENERA	L RULES			
<b>₩</b>	WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER							COMPLETE DRILLING PLAN							
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						)	TOPOGRAPHICAL MAP								
NAME Mandie Crozier TITLE Regulatory Tech						Tech	PHONE 435 646-4825								
SIGNATURE DATE					DATE 12/20/2013			EMA	EMAIL mcrozier@newfield.com						
API NUMBER ASSIGNED 43013527510000				APPROVAL				J.	Hall Hanager						
									PE	Init manager					

#### T8S, R17E, S.L.B.&M. 1998 Aluminum S88°58'52"W - 2634.04' (Meas.) S89°01'58"W — 2650.85' (Meas.) 1910 Brass Cap Brass Cap LOT 1 WELL LOCATION: 112-32-8-17 Center of ELEV. EXIST. GRADED GROUND = 5233' 175.19 640' LOT 5 Bottom of Hole LOT 3 1910 Brass Cap 1910 LOT 8 Brass Cap LOT 6 LOT 7 LOT 10 LOT 9 Corner Position Proportioned Usina 1910 LOT 11 1910 Double Proportion Brass Cap Brass Cap Method (Not Set) N88°53'46"E -2641.95' (Meas.) S88°56'47"W - 2642.21' (Meas.) NAD 83 (SURFACE LOCATION) LATITUDE = 40°04'48.46" LONGITUDE = 110°02'17.00"

## = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

	NAD 27 (SURFACE LOCATION)
	LATITUDE = 40°04'48.60"
	LONGITUDE = 110°02'14.46"
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°04'41.75"	LATITUDE = 40°04'40.04"
LONGITUDE = 110°02'15.61"	LONGITUDE = 110°02'15.25"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°04'41.88"	LATITUDE = 40°04'40.18"
$LONGITUDE = 110^{\circ}02'13.07"$	LONGITUDE = 110°02'12.71"

### NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 112-32-8-17, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 (MC 5319) OF SECTION 32, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 112-32-8-17, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 (LOT 3) OF SECTION 32, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



#### NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.
- 3. The Bottom of Hole bears S09\*58'44"E 863.16' from the Top of Hole.
- 4. The Center of Pattern footages are 1240' FNL & 612' FWL.

THIS IS TO CERTIFY THAT THE ABOVE PER WAS PREPARED FROM FIELD OF ACTURE SURVEYS MADE BY ME OR UNDER WY SUPPRISON AND THAT THE SAME ARE TRUE AND SPRECT TO THE BEST OF MY KNOWLEDGE ON BEING 189377

REGISTER D LAND SURVEYOR REGISTRA DON NO. DON TO STATE OF STATE OF

### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

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DATE SURVEYED: 07-25-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 09-02-13	DRAWN BY: F.T.M.	\/0
REVISED:	SCALE: 1" = 1000'	V Z